IN THE CLAIMS:

1. (currently amended) A process of machining inner joint parts (11) of constant velocity universal ball joints, which inner joint parts (11) comprise a longitudinal axis (A) and at least one guiding face by means of which the inner joint part (11) is orbitally angularly movably guided in a ball cage, and which comprise a plurality of ball tracks (12) which are distributed around the circumference of the guiding face and which ball tracks divide the guiding face into a corresponding plurality of guiding webs (13) and in which ball tracks torque transmitting balls can be held so as to be longitudinally displaceable, characterised in that comprising, simultaneously machining one ball track (12) and at least one guiding web (13) are machined simultaneously.

2.-26. (cancelled)